

# HOTSWAP TECHNOLOGY

## INTERCHANGE BETWEEN UV LAMP AND LED UV TECHNOLOGY



The Hotswap concept for UV lamp and LED UV systems from IST METZ allows users to interchange between both technologies at any time. LED UV technology will become an established way of printing sooner or later. With the new Hot Swap concept, users will be in the position to change over from the established UV technology to the LED technology or the other way round at short notice at any time.

### THE ADVANTAGES OF HOTSWAP TECHNOLOGY AT A GLANCE:

#### CONVERSION TO LED UV

The Hotswap concept allows a subsequent conversion to LED UV. To do this, the outer housing remains where it is in the machine, while the LAMPcure unit is replaced with a LEDcure system that has been designed as a cassette unit. Contact to the supply connections is thus made automatically.

#### COOLING

Either available for air- or water-cooled systems.

#### ELC®-X SERIES

Both energy supply and control of the Hot Swap concept from IST Metz are based on standard equipment. The stacking concept within the well known ELC®-X series supplies the power. These power supplies are both standard for UV lamp and LED UV.

#### SMART CONTROL

The logic used with the Smart Control automatically detects the genset used and switches over the operation.



ELC®-X series for LED and lamp operation

## INTEGRABLE INTO COMMERCIALLY AVAILABLE MACHINE SYSTEMS

Companies that are planning on investing in new printing technology may see themselves faced with a dilemma. Should they go for the conventional UV units, they can rely on the security provided by a long established technology. However, they may well miss their chance to make the most out of LED UV. Users who focus on this new technology too soon run the risk of paying dearly as they wait for the rest of the market to catch up, finally making the investment economically worthwhile.

**With the Hotswap concept, users have the option of using both standard UV curing and LED UV. The UV units can be integrated into all models of well-known machine manufacturers.**

### TECHNICAL DATA:

- water-cooled or air-cooled
- wavelength: 385 nm as standard (365–405 nm optional)
- LED mixed wavelengths
- lamp length: fully scalable
- field replaceable modules offering extended service life
- variable power
- patented format switching, zone selection

### ENERGY-EFFICIENT TECHNOLOGY

with the potential to save energy through immediate operation without run-up time, shutdown option during production breaks, adjustment of LED lamp to production width, as well as the large control range of lamp output.

### ENVIRONMENTALLY FRIENDLY

The diodes do not contain mercury, do not generate any ozone and solely emit UVA light.

### LONG SERVICE LIFE

of the UV LEDs, to be expected for more than 20,000 hours.

∞ WE HAVE THE CURE

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